

# IntelliColor Display/20e

The next generation in professional two-page color displays, the Radius IntelliColor Display/20e<sup>™</sup>, delivers unrivaled command of your desktop — from on-the-fly resolution switching to state-of-the-art color temperature control.

Combined with Radius IntelliColor software, the high-resolution IntelliColor Display/20e allows you to emulate three different lighting conditions and adjust the color temperature yourself, so you get more accurate color representations. That way you can see how your designs will look when they're viewed on a typical office monitor, under typical office lighting, or out in daylight.

When you use the IntelliColor Display/20e in combination with a Radius LeMansGT<sup>™</sup> card, PrecisionColor<sup>®</sup> graphics card, or the built-in video on a Centris, Quadra, or Power Macintosh<sup>™</sup> system, you can switch resolutions and color depths on the fly. Which means you can switch from an 1152 x 870 two-page layout to large, 24-bit detail work in a matter of seconds. Or use the display to play back multimedia presentations at 640 x 480 resolution for the biggest picture.



Compatible  
with  
Power  
Macintosh

## The Intelligent 20" Color Display for Macs.

### Built-in video compatibility

Because a video interface is built into most new Macintosh models, you might not need an additional interface card. With most Quadra, Centris, and Power Macintosh models, you get 16-bit color at 832 x 624 resolution, and 1152 x 870 resolution in 8-bit mode. You still get all of the IntelliColor software capabilities, too. However, for fast, 24-bit performance, a LeMansGT interface is recommended.



### Ongoing return on your investment

Radius' IntelliColor Display/20e surpasses all of the compliance guidelines in the EPA Energy Star Program. So power consumption is reduced to less than 15 watts when in stand-by mode, extending

the life of the display unit at a fraction of traditional costs.

### Command of color temperature

To match the lighting and viewing conditions for your final work without losing brightness, the IntelliColor Display/20e provides greater color accuracy — by letting you adjust color temperature from 5000K to 6500K and 9300K, or simply define the temperature yourself.

**Software Image Control** A bi-directional, serial interface allows you to control display adjustments through your Mac. Using a Radius LeMansGT, PrecisionColor interface or Mac built-in video, the Macintosh communicates with the display's micro processor via the included serial cable.

### Ergonomically compliant

The IntelliColor Display/20e meets the Swedish MPR II ergonomic guidelines, ensuring a healthier work environment and reduced eye strain through electromagnetic shielding and a bonded anti-glare panel. A front control panel and a tilt-swivel base further deliver optimal ergonomic work conditions.

### User-friendly, multi-lingual control panel

The multi-lingual user interface makes it easy for you to change languages (English, Japanese, German, French, Spanish and Italian) on the fly.

### All-encompassing software

IntelliColor software for the IntelliColor Display/20e provides control over color temp-

erature, convergence, image size and position, rotation (tilt), brightness, contrast, bow, bow balance, keystone, and keystone balance.

### Unique service/support programs

The IntelliColor Display/20e, like all Radius products, comes with an exclusive **Worry-Free Warranty\***. If for any reason your IntelliColor Display/20e product fails to work as promised, we'll provide free overnight delivery and replacement of a new one. It's all part of Radius' commitment to provide you with hassle-free support programs that minimize downtime and maximize your productivity. Just call 408/434-1012 in the U.S., 416/777-9900 in Canada or 0483-772773 in the U.K. to find out.

This monitor is Energy Star compliant when used with a computer equipped with Display Power Management Signalling (DPMS). The Energy Star emblem does not represent EPA endorsement of any product or service.

\*U.S., Canada and U.K. only. For other regions contact your local supplier for warranty information.

radius<sup>®</sup>

# IntelliColor Display/20e Specifications

## System Requirements

IntelliColor Display/20e works with Power Macintosh™, Macintosh, PC, AT, PS/2, and compatible computers.

### Display

CRT	Trinitron Color Tube
Size	20 inch
Phosphor Trio Pitch	0.31mm
Standard View Area	360mm x 270mm (14.2" x 10.6")
Maximum View Area	387mm x 292mm (15.2" x 11.5")
Focusing	In-line Gun with Quadrupole Lens for Dynamic Focus and Astigmatism Correction
Phosphor Type	P22, Medium Short Persistence
Surface Treatment	Multi-Layer AR (Anti-Reflection) Bonded Panel
Video Connectors	HD15/DB15
IntelliColor Interface	RS-232
Scanning Frequency Range	Horizontal 29 – 85kHz Vertical 50 – 150Hz
Video Input	Analog 0.7Vp-p, 75ohms
Control Modes	10 factory presettings, 15 user programmable settings
Resolutions	From 640 x 480 to 1380 x 1040 at 75Hz and 1600 x 1200 at 63Hz refresh rate
Power Supply	90V-132VAC/220V-240VAC; 50/60Hz, Auto-switching
Power Consumption	150W, max; Power Saving Mode: 10W
Power Saver	As defined by VESA – DPMS
System Compatibility	Mac II series, Quadra, Centris, Power Macintosh, IBM PC compatible

### Preset Resolutions

Horizontal	Vertical	Refresh Rate	DPI
1380	1040	75Hz	98
1280	1024	74Hz	93
1152	870	71Hz	83
1152	870	75Hz	82
1024	768	75Hz	72
832	624	75Hz	56
800	600	72Hz	56
640	480	67Hz	45
640	480	60Hz	45
640	400	70Hz	37

Video Bandwidth	Greater than 100MHz
Color Temp. Selection	9300 K/6500 K/5000 K, User definable (with Radius IntelliColor)
Degaussing	Automatic Power-on degauss

## Operating Environment

Temperature	50 – 105 ° F, 10 – 40°C
Humidity	10 – 80% non-condensing
Altitude	Sea level to 10,000 feet
Weight	67 lbs. (30 kgs)/net; 78 lbs. (35 kgs)/gross
Size (W, H, D)	15.9" x 18.7" x 19.7" (404 x 474 x 501 mm) with Tilt/Swivel stand

## Regulatory Approval

Safety	UL, CSA, TUV GS
EMI	FCC Class B, DOC Class B, TUV RFI, VCCI-2 Ergonomics TUV Ergonomie Geprüft, MPR II

## Radius Supporting Software

RadiusWare (including Dynamic Desktop and PowerSaver), IntelliColor

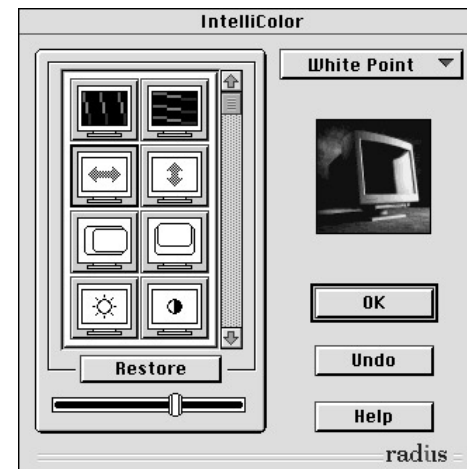
## User Controls

Front	Power Switch, Contrast, Brightness, Side Pin Cushion, V-Centering, H-Centering, V-Height, H-Width, Tilt, Color Temperature, Reset, Rotation
With IntelliColor Software	All of the above plus User Definable Color Temperature (Macintosh only)

## Product Number

**0461**

## IntelliColor Controls



For the Radius Authorized Reseller nearest you, call (800) 227-2795 (U.S. & Canada only).

For the name of your Radius International Distributor, call (408) 434-1010 or Fax: (408) 955-1541.

Radius Inc.,  
1710 Fortune Drive,  
San Jose, CA 95131-1744